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Attn: Examiner Oen, Art Unit 2855

Fax No. 703 308 7722

Re: Patent Application Serial No. 10/024,815, filed December 18, 2001

Enclosed is an Amendment consisting of six pages, and one sheet of  
marked-up claims (total of 8 pages to be faxed).

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case.  
Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,  
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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Minneapolis, Minnesota  
September 17, 2002

#6/B  
T. BELL  
9.19.02

**Applicant:** Russell L. Johnson

**Group:** 2855

**Serial No.:** 10/024,815

**Examiner:** Oen

**Filed:** December 18, 2001

**Atty. Docket No.:** B10-25539 US

**For:** SENSOR FORMED ON SILICON ON INSULATOR STRUCTURE AND HAVING  
REDUCED POWER UP DRIFT

AMENDMENT

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Commissioner for Patents  
Box Non-Fee Amendment  
Washington, D.C. 20231

Dear Sir or Madam:

Responsive to the Office communication having a mailing date of June 19, 2002, please amend the  
above application as follows:

IN THE CLAIMS

*Detail with respect to all amendments made herein is provided in the marked-up version (attached  
to the rear of this amendment) as required under 37 CFR §1.121(b).*

Claim 2 is shown below in amended form:

2. (Amended) Sensor of claim 1, wherein said plurality of resistors form a Wheatstone bridge  
having a top, a bottom, and a midpoint, with said first voltage being applied at said top and said bottom  
of said bridge and said second voltage being approximately equal to a voltage at a midpoint of said  
bridge.